# UNIVERSITY of **Scottish Certificates Web Development** STIRLING Alastair Woods

## MSc in Software Engineering

- Scottish Certificates provides replacement Birth, Death, Marriage or Civil Partnership certificates registered anywhere in Scotland between 1855 and 2015
- Designed independently from the councils website, to give a unique identity to the service
- Average of 170 certificates purchased per week, generating an income of £2500 for the council







# Clackmannanshire Council

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Certificate details are written to a MySQL database. A 'paid' flag is updated by callback.php to show the certificate has been paid for

Services	Cert	ificate	00	kun
Business & Trade				
Children & Families				
Community & Living	Back <<			
Council & Government	BUCK			
Education & Learning				
Environment & Waste	Date	Order Reference	Order	Billing Name
Housing & Council Tax	Created		Status	
Law & Licensing	24-Jul-2017	birthcertificate-	Received	Catherine Mitchel
Leisure, Sports & Culture	05:26:54	1500874014		
Planning & Building Standards	24-Jul-2017 06:02:10	birthcertificate- 1500876130	Received	Scott Lyons
Social Care & Health				
Tourism & Visitor Attractions	24-Jul-2017 09:15:57	birthcertificate- 1500887757	Received	Grant Livingstone
Transport & Streets	24-Jul-2017	birthcertificate-	Received	Hollie Anderson
facebook	11:58:32	1500897512		
Like Us	24-Jul-2017 13:49:33	birthcertificate- 1500904173	Received	Kathleen Murphy
for access to the latest news & debate	24-Jul-2017 14:48:12	birthcertificate-	Received	Joyce Burnside



My ClacksWeb

Update Frontpag Information

Edit account deta

### The Certificate dashboard shows summary statistics including outstanding orders & orders in the past week (including revenue)

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en & Families					Certificate Das
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il & Government	Total Outstanding Order	s			Payment Files
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e, Sports & e	Death Certificates	132			Update Frontpa Information
ng & Building	Marriage Certificates	927			Edit account de
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End users of the back end part of the system (the Registrars) can query the database via a web interface - search by date range / certificate type etc. Clicking on the Order Ref. shows a detailed view

### **Project Brief**

- **Shopping Basket** for multiple orders (which facilitates and includes both standard and priority options for placing orders)
- Customer Login area, to store order details, addresses etc.
- **Improved delivery options** for UK orders only (with unique identifiers on emails for operational staff to identify which postal option has been selected by customer)
- Development of a Standard & Priority percentage report to enable close monitoring of quarterly and annual ordering patterns
- Implement a **back up email system** for Priority Service orders for when Clacks systems occasionally fail
- **Implement improved SEO** for the website which can include keywords 'Glasgow', 'Edinburgh', 'Aberdeen', 'Dundee' and 'Inverness'